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Attorney Docket No. 46342/55862

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

Applicants: Watanabe, et al.

Serial No.: 09/831,758

Group Art Unit: 1646

Filed: May 11, 2001

Examiner: Not Yet Known

For: Novel G Protein-Coupled Receptor Protein, Its DNA and Ligand Thereof

AUG 09 2002

TECH CENTER 1600/2900

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on August 2, 2002.

By: Regina M. Edwards  
Regina M. Edwards

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Transmitted herewith for filing in the above-referenced patent application are the following documents:

1. Associate Power of Attorney executed by David G. Conlin;
2. This Transmittal Letter; and
3. Return Postcard.

(August 2, 2002)

Kathryn A. Piffat, Ph.D.  
SIGNATURE OF PRACTITIONER

Customer No.: 21,874

Kathryn A. Piffat, Ph.D. Reg. No.: 34,901  
David G. Conlin, Esq. Reg. No.: 27,026  
Intellectual Property Practice Group  
Edwards & Angell, LLP  
P.O. Box 9169  
Boston, MA 02209



DT06 Rec'd PCT/PTO 07 AUG 2002

Receipt

Attorney Docket No. 46342/55862

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Watanabe, et al.

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For: Novel G Protein-Coupled Receptor Protein, Its DNA and Ligand Thereof

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By:

Regina M. Edwards  
Regina M. Edwards\*\*\*\*\*  
**OFFICE OF INITIAL PATENT EXAMINATION'S  
CUSTOMER SERVICE CENTER**Assistant Commissioner for Patents  
Washington, D.C. 20231

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SEP 25 2002

TECH CENTER 1600/2900

Dear Sir:

Transmitted herewith for filing in the above-referenced patent application are the following documents:

- 1 Request for the Correction of the Official Filing Receipt;
- 2 A copy of the Filing Receipt with the desired changes marked in red ink;
3. Copy of an Associate Power of Attorney being filed concurrently;
4. This Transmittal Letter; and
5. Return Postcard.

Filed under separate cover addressed to the Assistant Commissioner for Patents, is a Power of Attorney and related documents. If the enclosed papers are considered incomplete, the mailroom and/or the Application Branch is respectfully requested to contact the undersigned at (617) 439-4444, Boston, Massachusetts.

Respectfully submitted,

Date:

August 2, 2002Kathryn A. Piffat Ph.D.**SIGNATURE OF PRACTITIONER**

Customer No.: 21,874

Kathryn A. Piffat, Ph.D. Reg. No.: 34,901  
David G. Conlin, Esq. Reg. No.: 27,026  
Intellectual Property Practice Group  
Edwards & Angell, LLP  
P.O. Box 9169  
Boston, MA 02209



Attorney Docket No.46342/55862

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Watanabe, et al.

Serial No.: 09/831,758

Group Art Unit: 1646

Filed: May 11, 2001

Examiner: Not Yet Known

For: Novel G Protein-Coupled Receptor Protein, Its DNA and Ligand Thereof

OF PAPERS  
INITIALLY FILED

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By:

Regina M. Edwards  
Regina M. Edwards

**OFFICE OF INITIAL PATENT EXAMINATION'S  
CUSTOMER SERVICE CENTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

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SEP 25 2002  
TECH CENTER 1600/2900

**REQUEST FOR THE CORRECTION OF THE OFFICIAL FILING RECEIPT**

Dear Sir:

Applicants respectfully request a corrected filing receipt for the above-referenced patent application. A copy of the filing receipt with the desired changes marked in red ink is enclosed for your convenience.

1. The correct spelling of the fifth named inventor's name is:  
**Shuji;**
2. The corrected title is:  
Novel G protein-coupled receptor protein, its DNA and ligand thereof



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ORIGINALLY FILED

Attorney Docket No.46342/55862  
U.S.S.N.: 09/831,758  
Applicants: Watanabe, et al.  
Filed: May 11, 2001  
Group Art Unit: 1646  
Examiner: Not Yet Assigned  
Page 2

3. The correspondence address should be changed to:

David G. Conlin, Esq.  
c/o DBRC, IPPG of  
Edwards & Angell, LLP  
P.O. Box 9169  
Boston, Massachusetts 02209  
Tel.: (617) 439-4444  
Fax: (617) 439-4170

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The corrections for Request Nos. 1 and 2 are not due to any error by the Applicants and therefore no fee is due.

Also enclosed is a copy of an Associate Power of Attorney that is being filed concurrently herewith.

Respectfully submitted,

Date:

August 2, 2002

By:

Kathryn A. Piffat, Ph.D.

Kathryn A. Piffat, Ph.D.  
Reg. No. 34,901  
DBRC, Intellectual Property  
Practice Group  
Edwards & Angell, LLP  
P.O. Box 9169  
Boston, Massachusetts 02209  
(617) 439-4444  
(617) 439-4170 (fax)



UNITED STATES PATENT AND TRADEMARK OFFICE

 COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/831,758	05/11/2001	1646	2322	55862		44	2

 David G Conlin  
 Dike Bronstein Roberts & Cushman  
 130 Water Street  
 Boston, MA 02109

 IFPG of  
 Edwards & Angell, LLP  
 P.O. Box 9169  
 Boston, MA 02209

 COPY OF PAPERS  
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CONFIRMATION NO. 1000

FILING RECEIPT



\*OC00000008481647\*

Date Mailed: 07/23/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

 Takuya Watanabe, Osaka, JAPAN;  
 Kuniko Kikuchi, Ibaraki, JAPAN;  
 Yasuko Terao, Ibaraki, JAPAN;  
 Yasushi Shintani, Ibaraki, JAPAN;  
 Shunji Hinuma, Ibaraki, JAPAN;  
 Shoji Fukusumi, Ibaraki, JAPAN;  
 Ryo Fujii, Ibaraki, JAPAN;  
 Masaki Hosoya, Ibaraki, JAPAN;  
 Chieko Kitada, Osaka, JAPAN;

Shuji

 Corrected Filing  
 Receipt

Edwards &amp; Angell LLP

Dike, Bronstein, Roberts &amp; Cushman

101 Federal St. Boston, MA 02110

Date Rec'd

Docketed For

By

Approved

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/JP99/06283 11/11/1999

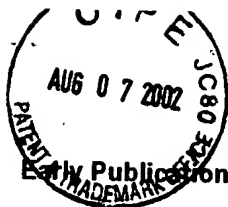
## Foreign Applications

 JAPAN 10/323759 11/13/1998  
 JAPAN 11/60030 03/08/1999  
 JAPAN 11/106812 04/14/1999  
 JAPAN 11/166672 06/14/1999  
 JAPAN 11/221640 08/04/1999  
 JAPAN 11/259818 09/14/1999

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Projected Publication Date: Not Applicable, filed prior to November 29, 2000

Non-Publication Request: No



Patent Publication Request: No

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Title

*G protein-coupled protein, DNA*  
Novel *G protein-coupled* receptor protein its *dna* and ligand thereof

Preliminary Class

435

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

TECH CENTER 1600/2900

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



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S/N 10/044210

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant:	Rademacher, et al	Examiner:	To be assigned
Serial No.:	10/044210	Group Art Unit:	2644
Filed:	12/13/01	Docket No.:	635.347US01
Title:	METHOD AND APPARATUS FOR REDUCING RANDOMLY, CONTINUOUS, NON-STATIONARY DISTORTIONS IN AUDIO SIGNALS		

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on July 31, 2002 1 Aug 02

Michael B. Lasky

Name

Signature

Box OIPE Customer Service Center  
Assistant Commissioner for Patents  
Washington, D.C. 20231



- ☒ Supplemental Preliminary amendment
- ☒ Request for Corrected Filing Receipt
- ☒ Copy of Filing Receipt showing requested corrections
- ☒ Transmittal
- ☒ Return postcard

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SEP 25 2002

TECH CENTER 1600/2900

Authorization is hereby given to charge any additional fees or credit any overpayments that may be deemed necessary to Deposit Account Number 50-1038.

Respectfully submitted,

Altera Law Group, LLC  
6500 City West Parkway - Suite 100  
Minneapolis, MN 55344-7701  
952-253-4100

Date: 8/1/02  
July 31, 2002

By:

Michael B. Lasky  
Reg. No. 29,555  
MBL/blj



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IN 10/044210

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant:	Rademacher, et al	Examiner:	To be assigned
Serial No.:	10/044210	Group Art Unit:	2644
Filed:	12/13/01	Docket No.:	635.347US01
Title:	METHOD AND APPARATUS FOR REDUCING RANDOMLY, CONTINUOUS, NON-STATIONARY DISTORTIONS IN AUDIO SIGNALS		

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on July 31, 2002. 1 Aug 02

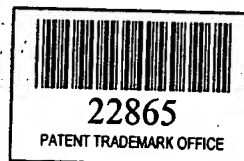
Michael B. Lasky

Name

Signature

Request for Corrected Filing Receipt

OIPE Customer Service Center  
Assistant Commissioner for Patents  
Washington D.C. 20231



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SEP 25 2002

Dear Sir:

The Filing Receipt for the above referenced patent application is incorrect in the following respects:

1. The number of independent claims is listed as 3 with the correct number of independent claims being 2.

Accordingly, in the heading section of "IND CLAIMS", please replace "3" with 2.

2. The spelling of "continuous" in the title is incorrect.

Accordingly, in the Title section, please replace "continous" with continuous.

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A copy of the Filing Receipt with the requested changes in red is enclosed with this communication. Applicant respectfully requests prompt issuance of a Corrected Filing Receipt.

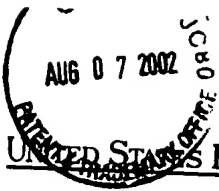
Respectfully submitted,

Altera Law Group, LLC  
6500 City West Parkway – Suite 100  
Minneapolis, MN 55344-7701  
952-253-4100

*Aug 1,*  
Date: ~~July 31, 2002~~

By: 

Michael B. Lasky  
Reg. No. 29,555  
MBL/blj



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Page 1 of 2

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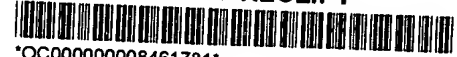
COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/044,210	12/13/2001	2644	565	635.347US01	10	16	[a] -- 2 --

22865  
ALTERA LAW GROUP, LLC  
6500 CITY WEST PARKWAY  
SUITE 100  
MINNEAPOLIS, MN 55344

CONFIRMATION NO. 8610

UPDATED FILING RECEIPT



\*OC00000008461781\*

Date Mailed: 07/16/2002

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Applicant(s)

Jan Rademacher, Bremerhaven, GERMANY;  
Jorg Bitzer, Bremen, GERMANY;

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SEP 25 2002

TECH CENTER 1600/2900

Domestic Priority data as claimed by applicant

Foreign Applications

GERMANY 100 61 957.9 12/13/2000

If Required, Foreign Filing License Granted 02/26/2002

Projected Publication Date: 10/24/2002

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

Title

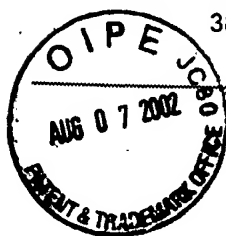
-- Continuous --

Method and apparatus for reducing random, [continuous] non-stationary noise in audio signals

BN

Preliminary Class

381

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**LICENSE FOR FOREIGN FILING UNDER**  
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**Title 37, Code of Federal Regulations, 5.11 & 5.15**

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**NOT GRANTED**

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